



Ese Proteins

Mouse Ese1 protein	EH1																			75
	1 M A Q I E P T P F G G S L D V M A L T V E R I A K S H D I Q E F L S K E P I A G I F I I G D I Q A R I N I F F L F O S Q I P P Q V I L A Q I W A I L A D M N I D G R I M D I O																			75
	1 M A Q I E P T P F G G S L D V M A L T V E R I A K S H D I Q E F L S K E P I A G I F I I G D I Q A R I N I F F L F O S Q I P P Q V I L A Q I W A I L A D M N I D G R I M D I O																			75
	1 M A Q I E P T P F G G S L D V M A L T V E R I A K S H D I Q E F L S K E P I A G I F I I G D I Q A R I N I F F L F O S Q I P P Q V I L A Q I W A I L A D M N I D G R I M D I O																			68
Mouse Ese1 protein	76 V E T A S P F A W K L W K L K L O G Y Q L P S T L P P V V M K Q P V A I S S A P . . . A R I G I G I A S M P R I U T A V A R P M G S I R A V M G M S 143																			143
	76 Q E F S F A L K L K L K L O G Y Q L P S T L P P V V M K Q P V A I S S A P . . . A R I G I G I A S M P R I U T A V A R P M G S I R A V M G M S 143																			143
	76 L E F S F A L K L K L K L O G Y Q L P S T L P P V V M K Q P V A I S S A P . . . A R I G I G I A S M P R I U T A V A R P M G S I R A V M G M S 143																			143
	69 N E F S F A L K L K L K L O G Y Q L P S T L P P V V M K Q P V A I S S A P . . . A R I G I G I A S M P R I U T A V A R P M G S I R A V M G M S 135																			135
Mouse Ese1 protein	144 P R L V L S S V P E P A A V P P T A N G A P P P V A V A L P A F A H P A A L M K E S I S F E R S G P G S Q L N T K L Q K A Q S I F D V A S A P 210																			210
	150 P A L M M P A P L V P S V S T S S S S P N G T A S L E Q P L S I P S . S S T L L P H A S I S Y S L M M G G F G G A S I Q K A O S L I D L G S S S S T S S T 223																			223
	146 P R L V L S S V P E P A I V P P L S N G A P A V I D S H P A F A H . S A L L P K K S S E F G R S V A G S Q I N T K L Q K A Q S I F D V A S A P 209																			209
	138 A P P V A V A S T V I S P G V S V P S G P L P R T S N P P S R H T S I S E R A P S I E S V N Q G 193																			193
Mouse Ese1 protein	EH2																			275
	211 P A A E N W A V R Q S E R R K Y R T O L E N S H D K T M S G H L K C P A R Y T I L M O S S P R O A Q I A S I V N I S S I N I D Q G K V I L T																			275
	224 A S L S G N S P K T G T S E N W A V R Q S E R R K Y R T O L E N S H D K T M S G H L K C P A R Y T I L M O S S P R O A Q I A S I V N I S S I N I D Q G K V I L T																			274
	184 L V V E N W A V R Q S E R R K Y R T O L E N S H D K T M S G H L K C P A R Y T I L M O S S P R O A Q I A S I V N I S S I N I D Q G K V I L T																			245
Mouse Ese1 protein	276 A T E R F I L A H I I D V A M S S Q P P P P V U P P E V T P S F R R V R S G S G M S V I S S S V S S V D Q R P E E P S S E D E C C R 341																			341
	299 A T E R F I L A H I I D V A M S S Q P P P P V U P P E V T P S F R R V R S G S G M S V I S S S V S S V D Q R P E E P S S E D E C C R 355																			355
	275 A T E R F I L A H I I D V A M S S Q P P P P V U P P E V T P S F R R V R S G S G M S V I S S S V S S V D Q R P E E P S S E D E C C R 340																			340
	246 C D I E F I L A H I I D V A M S S Q P P P P V U P P E V T P S F R R V R S G S G M S V I S S S V S S V D Q R P E E P S S E D E C C R 319																			319
Mouse Ese1 protein	342 E K K I L P M I T E R Y K R I E N F E R G S V E L E T K R I R Q A L L E Q Q R K E T O E R L A Q I L E R A E Q E R K E R T E R Q E I E A K R Q L E L E K Q L E K 414																			414
	356 Q K K I L P M I T E R Y K R I E N F E R G S V E L E T K R I R Q A L L E Q Q R K E T O E R L A Q I L E R A E Q E R K E R T E R Q E I E A K R Q L E L E K Q L E K 428																			428
	341 D K K I L P M I T E R Y K R I E N F E R G S V E L E T K R I R Q A L L E Q Q R K E T O E R L A Q I L E R A E Q E R K E R T E R Q E I E A K R Q L E L E K Q L E K 413																			413
	320 T A G L I P G Q T S F E D K I R K E N Y V K G Q A E L D R R I K I I M E D Q R K E R E R E R K E R E E A D K R E K A R L E A E R K Q Q E E E E R I Q I Q R 394																			394

TABLE 2

SH3A

82

[illegible]

325	Mouse E3a1 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1008
330	Mouse E3a2 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1013
335	Mouse E3a3 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1018
340	Mouse E3a4 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1023
345	Mouse E3a5 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1028
350	Mouse E3a6 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1033
355	Mouse E3a7 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1038
360	Mouse E3a8 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1043
365	Mouse E3a9 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1048
370	Mouse E3a10 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1053
375	Mouse E3a11 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1058
380	Mouse E3a12 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1063
385	Mouse E3a13 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1068
390	Mouse E3a14 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1073
395	Mouse E3a15 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1078
400	Mouse E3a16 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1083
405	Mouse E3a17 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1088
410	Mouse E3a18 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1093
415	Mouse E3a19 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1098
420	Mouse E3a20 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1103
425	Mouse E3a21 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1108
430	Mouse E3a22 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1113
435	Mouse E3a23 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1118
440	Mouse E3a24 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1123
445	Mouse E3a25 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1128
450	Mouse E3a26 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1133
455	Mouse E3a27 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1138
460	Mouse E3a28 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1143
465	Mouse E3a29 protein	MTVEGEVYDQKQGWFFPKSNVKKL	SGPVRKSTST	ID	GPTEES	PASLRKRA	SPATAP	AI	IP	GEETFAVMA	TES	1148
470	Mouse E3a30 protein	MTVEGEVYDQKQGWFFPK										

[illegible][illegible][illegible]

	1214	1213
Mouse Ees1 protein	ERKRQGYIH	ERKRQGYIH
Mouse Ees2 protein	ELIQTEERYMDD	ELIQTEERYMDD
Xenopus Intesectin	LQLFEOKTLL	LQLFEOKTLL
Drosophila Dap160-1	G-DRPFI	G-DRPFI
	LPFRDQPSLLPNA	LPFRDQPSLLPNA
	FQAPLSVVM	FQAPLSVVM
	IKFR	IKFR
	CFTAP	CFTAP
	FCPCD	FCPCD
	MNVKY	MNVKY
	II	II
	1094	1094

82A